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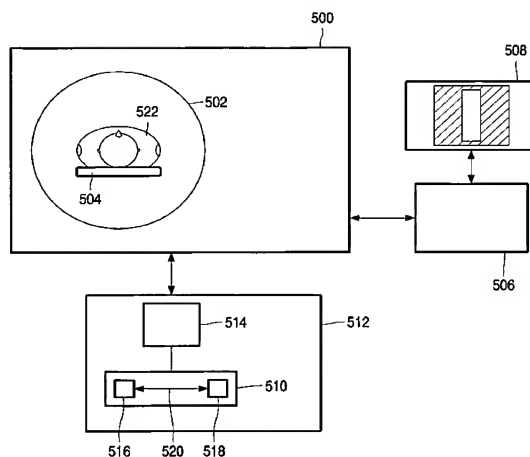
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(54) Title: METHOD AND IMAGING DIAGNOSTIC APPARATUS FOR FINDING A STENOSIS



(57) **Abstract:** The invention further relates to an imaging diagnostic apparatus (500), notably a CT apparatus or an MR apparatus, for carrying out the method of claim 1, which apparatus includes an imaging unit (506, 500) for the acquisition of coarse data of an object to be examined (516) and also includes a program-controlled reconstruction unit (506) which is designed to reconstruct volume image data from the coarse data, the volume image data consisting of a plurality of voxels, each respective voxel comprising a respective intensity value, and defining a path through volume image data; and is further designed to calculate a two-dimensional image including the respective intensity values of the plurality of voxels; calculate a new intensity value for at least one voxel on the path using the intensity value of this at least one voxel; calculate a new two-dimensional image including the new intensity value; and sequentially display the original- and new two-dimensional image. The invention further relates to a method, a computer program product, a computer readable medium, and a system.

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